



Reply to Office Action of June 1, 2006

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for optically recording information in a system comprising the steps of:

providing a recording and reading device that includes a first controller and a strategy part for conducting a strategy when optically recording information and an information processing apparatus that includes a second controller and a strategy information storing part storing the strategy information for operating said strategy part, ~~said method comprising the steps of:~~

wherein said providing step includes a step of providing said second controller separate from said first controller;

(a) reading said strategy information for operating said strategy part of said recording and reading device from said strategy information storing part of said information processing apparatus with said second controller; and

(b) transmitting said strategy information read in said step (a) to said recording and reading device.

2. (Currently Amended) The method as claimed in claim 1, further comprising the steps of:

(c) storing said strategy information, said strategy information corresponding to device information of said recording and reading device[[,]]



Reply to Office Action of June 1, 2006

and medium information of an optical recording medium, to said strategy information storing part;

(d) transmitting the device information and the medium information from said recording and reading device to said information processing apparatus;

(e) reading said strategy information corresponding to said device information and medium information from said strategy information storing part in said information processing apparatus; and

(f) transmitting said strategy information with said medium information to said recording and reading device.

3. (Previously Presented) The method as claimed in claim 2, further comprising the steps of:

(g) storing standard strategy information to said strategy information storing part;

(h) reading said standard strategy information and transferring said standard strategy information to said recording and reading apparatus when the strategy information corresponding to the device information and the medium information transmitted from said recording and reading device is not stored in said strategy information storing part.

Reply to Office Action of June 1, 2006

4. (Original) The method as claimed in claim 2, wherein said medium information is read and obtained from the optical recording medium.

5. (Previously Presented) The method as claimed in claim 3, wherein said step (h) cancels transmitting said device information and said medium information to said information processing apparatus when said medium information additionally provided to said strategy information stored in said strategy part corresponds to said medium information of said optical recording medium, and activates said strategy part to record to the optical recording medium.

6. (Previously Presented) The method as claimed in claim 1, wherein a plurality of data sets of the strategy information is stored in said strategy part.

7. (Previously Presented) The method as claimed in claim 6, wherein said step (b) is conducted just before starting recording information to said optical recording medium.

8. (Previously Presented) A method for optically recording information in a system comprising a recording and reading device that includes a strategy part for conducting a strategy when optically recording information and an information processing apparatus that includes a strategy information storing part storing the

Reply to Office Action of June 1, 2006

strategy information for operating said strategy part, said method comprising the steps of:

(a) reading said strategy information for operating said strategy part of said recording and reading device from said strategy information storing part of said information processing apparatus;

(b) transmitting said strategy information read in said step (a) to said recording and reading device;

wherein a plurality of data sets of the strategy information is stored in said strategy part;

(c) storing registration information in addition to device information and medium information to said strategy information storing part;

(d) transmitting said registration information additionally provided to said medium information to said recording and reading device and storing said medium information with said registration information to said strategy part, when said strategy information is transmitted from said information processing apparatus to said recording and reading device;

(e) determining said strategy information, which is stored in said strategy part, to be deleted based on said registration information stored in said strategy part and deleting determined strategy information, when said strategy information transmitted from said information processing apparatus cannot be stored because of a shortage of a recording capacity of said strategy; and

Reply to Office Action of June 1, 2006

(f) storing said strategy information transmitted from said information processing apparatus.

9. (Previously Presented) The method as claimed in claim 8, wherein:

said step (c) stores a registered date when said strategy information is registered, as said registration information to said strategy information storing part; and

said step (e) deletes said strategy information showing an oldest registered date from said strategy part.

10. (Previously Presented) The method as claimed in claim 8, wherein said step (e) weights said registration information and deletes said strategy information based on a weight from said strategy part.

11. (Previously Presented) The method as claimed in claim 8, further comprising the step of (g) storing a use number showing how many times the strategy information is used each time said strategy information stored in said strategy part is used when information is recorded to the optical recording medium, wherein said step (e) determines the strategy information to be deleted based on said registration information and said use number when said strategy information is deleted.

Reply to Office Action of June 1, 2006

12. (Currently Amended) A computer-readable recording medium recorded with program code for causing a computer to optically record information in a system comprising a recording and reading device that includes a first controller and a strategy part for conducting a strategy when optically recording information and an information processing apparatus that includes a second controller and a strategy information storing part storing the strategy information for operating said strategy part, said first and second controllers being separately provided, and said program comprising the codes for:

(a) reading said strategy information for operating said strategy part of said recording and reading device from said strategy information storing part of said information processing apparatus with said second controller; and

(b) transmitting said strategy information read by said code (a) to said recording and reading device.

13. (Currently Amended) The computer-readable recording medium claimed in claim 12 further comprising the codes for:

(c) transmitting device information and medium information from said recording and reading device to said information processing apparatus;

(d) reading said strategy information, said strategy information corresponding to said device information[[,]] and medium information from said strategy information storing part, in said information processing apparatus; and

Reply to Office Action of June 1, 2006

(e) transmitting said strategy information with said medium information to said recording and reading device.

14. (Previously Presented) The computer-readable recording medium claimed in claim 13, further comprising the codes for (f) reading standard strategy information and transferring said standard strategy information to said recording and reading apparatus when the strategy information corresponding to the device information and the medium information transmitted from said recording and reading device is not stored in said strategy information storing part.

15. (Original) The computer-readable recording medium claimed in claim 13, wherein said medium information is read and obtained from the optical recording medium.

16. (Previously Presented) The computer-readable recording medium claimed in claim 14, wherein said code (f) cancels transmitting said device information and said medium information to said information processing apparatus when said medium information additionally provided to said strategy information stored in said strategy part corresponds to said medium information of said optical recording medium, and activates said strategy part to record to the optical recording medium.

Reply to Office Action of June 1, 2006

17. (Previously Presented) A computer-readable recording medium recorded with program code for causing a computer to optically record information in a system comprising a recording and reading device that includes a strategy part for conducting a strategy when optically recording information and an information processing apparatus that includes a strategy information storing part storing the strategy information for operating said strategy part, said program comprising the codes for:

(a) reading said strategy information for operating said strategy part of said recording and reading device from said strategy information storing part of said information processing apparatus;

(b) transmitting said strategy information read by said code (a) to said recording and reading device;

(c) transmitting device information and medium information from said recording and reading device to said information processing apparatus;

(d) reading said strategy information corresponding to said device information and medium information from said strategy information storing part in said information processing apparatus;

(e) transmitting said strategy information with said medium information to said recording and reading device;

(f) reading standard strategy information and transferring said standard strategy information to said recording and reading apparatus when the strategy information corresponding to the device information and the medium information transmitted from said recording and reading device is not stored in said strategy information storing part,

Reply to Office Action of June 1, 2006

wherein said code (f) cancels transmitting said device information and said medium information to said information processing apparatus when said medium information additionally provided to said strategy information stored in said strategy part corresponds to said medium information of said optical recording medium, and activates said strategy part to record to the optical recording medium;

(g) transmitting said registration information additionally provided to said medium information to said recording and reading device and storing said medium information with said registration information to said strategy part, when said strategy information is transmitted from said information processing apparatus to said recording and reading device;

(h) determining said strategy information, which is stored in said strategy part, to be deleted based on said registration information stored in said strategy part and deleting determined strategy information, when said strategy information transmitted from said information processing apparatus can not be stored because of a shortage of a recording capacity of said strategy; and

(i) storing said strategy information transmitted from said information processing apparatus.

18. (Previously Presented) The computer-readable recording medium claimed in claim 17, further comprising the code for:

(j) storing registration information in addition to said device information and said medium information to said strategy information storing part;

Reply to Office Action of June 1, 2006

wherein said code (j) stores a registered date when said strategy information is registered, as said registration information to said strategy information storing part; and

said code (h) deletes said strategy information showing an oldest registered date from said strategy part.

19. (Previously Presented) The computer-readable recording medium claimed in claim 17, wherein said code (h) weights said registration information and deletes said strategy information based on a weight from said strategy part.

20. (Previously Presented) The computer-readable recording medium claimed in claim 18, further comprising the code for (k) storing a use number showing how many times the strategy information is used each time said strategy information stored in said strategy part is used when information is recorded to the optical recording medium, wherein said code (h) determines the strategy information to be deleted based on said registration information and said use number when said strategy information is deleted.

Reply to Office Action of June 1, 2006

21. (Currently Amended) A method for optically recording information in a system comprising:

providing (1) a recording and reading device that includes a first controller and a strategy part for storing and conducting a strategy when optically recording information and (2) an information processing apparatus that includes a second controller and a strategy information storing part storing the strategy information for operating said strategy part, ~~said method comprising the steps of:~~

wherein said providing step includes a step of providing said second controller separate from said first controller;

(a) reading said strategy information for operating said strategy part of said recording and reading device from said strategy information storing part of said information processing apparatus with said second controller; and

(b) transmitting said strategy information read in said step (a) to said recording and reading device and storing said strategy information in said strategy part.